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## Index to recent Literature relating to American Botany.

- Barnhart, J. H.** A new species of *Utricularia*. Bull. Torr. Bot. Club, **25**: 515-516. 8 S. 1898.  
*Utricularia macrorhyncha* Barnhart.
- Bray, W. L.** On the Relation of the Flora of the Lower Sonoran Zone in North America to the Flora of the arid Zones of Chili and Argentine. Bot. Gaz. **26**: 121-147. 15 Au. 1898.
- Britton, E. G.** Mosses of Northern India. Bull. Torr. Bot. Club, **25**: 398. 15 Jl. 1898.  
Review of Brotherus' "Contributions to the Bryological Flora of the Northwestern-Himalayas."
- Cockerell, T. D. A.** A new Southwestern Sophia. Bull. Torr. Bot. Club, **25**: 460. 13 Au. 1898.
- Cook, A. C.** A Sketch of the Flora of the Canary Islands. Bull. Torr. Bot. Club, **25**: 351-358. 15 Jl. 1898.
- Davidson, A.** The Lupines of Los Angeles County, California. Erythea, **6**: 70-72. 31 Jl. 1898.
- Earle, F. S.** New or noteworthy Alabama Fungi. Bull. Torr. Bot. Club, **25**: 359-367. 15 Jl. 1898.  
New species in *Micropeltis*, *Anthostomella*, *Botryosphaeria*, *Gnomonia*, *Metasphaeria*, *Trichosphaeria*, *Nectria*, *Aulographum*, *Lophodermium*, *Cercospora* and *Phyllosticta*; *Leptosphaeria eumorpha* (B. & C.) nom. nov.
- Eastwood, A.** Is *Xerophyllum tenax* a septennial? Erythea, **6**: 75-76. 31 Jl. 1898.
- Eastwood, A.** Notes on the Flora of Marin County, California. Erythea, **6**: 72-75. 31 Jl. 1898.
- Ellis, J. B., and Everhart, B. M.** New Species of Fungi from various Localities. Bull. Torr. Bot. Club, **25**: 501-514. 8 S. 1898.  
Sp. nov. in *Chaetomium*, *Cordyceps*, *Coprolepa*, *Melanomma*, *Zignoella*, *Teichospora*, *Lophiostoma*, (?) *Sphaerella*, *Didymella*, *Ophiobolus*, *Pleomassaria*, *Melanconis*, *Fenestella*, *Homostegia*, *Pezicula*, *Dasyscypha*, *Phaeopeziza*, *Calloria*, *Uromyces*, *Puccinia*, *Ravenelia*, *Phoma*, *Asteroma*, *Fusicoccum*, *Sphaeropsis*, *Diplodina*, *Hendersonia*, *Septoria*, *Cornularia*, *Cryptosporium*, *Botrytis*, *Isaria*, and *Cercospora*; *Didymochaeta* Sacc. & Ell. gen. nov. with one species, *D. Americana* Sacc. & Ell.

**Evans, A. W.** An Enumeration of the Hepaticae collected by John B. Hatcher in Southern Patagonia. Bull. Torr. Bot. Club, **25**: 407-431. *pl.* 345-348. 13 Au. 1898.

*Blepharostoma pilosum* and *Jungermannia Hatcheri*, sp. nov., with critical notes on other species.

**Grout, A. J.** A Revision of the North American Isotheciaceae and Brachythecia. Mem. Torr. Bot. Club, **6**: 131-210. 30 Jl. 1897.

Contains critical descriptions of the North American species. *Brachythecium Leibergerii* sp. nov. and several new varieties are proposed.

**Halsted, B. D.** Two Phaenogamous Parasites of the Red Clover. Bull. Torr. Bot. Club, **25**: 395-397. 15 Jl. 1898. [Illust.]

**Heald, F. DeF.** Conditions for the Germination of the Spores of Bryophytes and Pteridophytes. Bot. Gaz. **26**: 25-45. *pl.* 4. 28 Jl. 1898.

**Hill, E. J.** *Eleocharis melanocarpa* a proliferous Plant. Bull. Torr. Bot. Club, **25**: 392-394. *pl.* 344. 15 Jl. 1898.

**Hill, E. J.** Two noteworthy Oaks. Bot. Gaz. **26**: 53-57. *pl.* 5, 6. 28 Jl. 1898.

*Quercus coccinea*  $\times$  *palustris* and a teratological form of *Q. coccinea* (?).

**Howe, M. A.** The Porella Question. Rev. Bryol. **25**: 75-78. 1898.

**Johnson, D. S.** On the Leaf and Sporocarp of *Pilularia*. Bot. Gaz. **26**: 1-24. *pl.* 1-3. 28 Jl. 1898.

**Keller, R.** Ueber die central und südamerikanischen Hyperica des Herbarium Hauniense. Bull. Herb. Boiss. **6**: 253-268. Ap. 1898.

**Lemmon, J. G.** Notes on West-American Coniferae.—VIII. Erythea, **6**: 77-79. 31 Au. 1898.

**Levier, E.** *Porella* annulé par le Code de Rochester. Bull. Herb. Boiss. **6**: 496-502. Je. 1898.

**Lovell, J. H.** The Insect-Visitors of Flowers. Bull. Torr. Bot. Club, **25**: 382-390. 15 Jl. 1898.

**Müller (Hal.), C.** Bryologia Serraie Itatiaiae (Minas Geraës Brasiliae) adjectis nonnullis Speciebus affinis Regionum vicinarum. Bull. Herb. Boiss. **6**: 18-48. Ja. 1898; 89-126. F. 1898.

**Nash, G. V.** A Revision of the Genera *Chloris* and *Eustachys* in North America. Bull. Torr. Bot. Club, **25**: 432-450. 13 Au. 1898.

*Chloris tenuispica* and *C. brevispica*, sp. nov., and *Chloris Nealleyi*, *C. latisqueamea*, *C. Texana* (Vasey), and *Eustachys neglecta*, nom. nov.

- Nelson, A.** New Plants from Wyoming.—III. Bull. Torr. Bot. Club, **25**: 373-381. 15 Jl. 1898.  
New species in *Arabis*, *Vicia*, *Philadelphus*, *Angelica*, *Chrysothamnus*, *Solidago*, *Senecio*, *Pentstemon*, and *Emmenanthe*; *Oonopsis Wardi condensata*, var. nov., and *Picradenia ligulaeflora*, nom. nov.
- Peck, C. H.** New Species of Alabama Fungi. Bull. Torr. Bot. Club, **25**: 368-372. 15 Jl. 1898.  
New species in *Lepiota*, *Lactarius*, *Russula*, *Omphalia*, *Panus*, *Boletus*, *Thelephora*, and *Clavaria*.
- Piper, C. V.** A new Violet from Washington. Erythea, **6**: 69. 31 Jl. 1898.  
*Viola Flettii* Piper.
- Porter, T. C.** The Flora of the Lower Susquehanna. Bull. Torr. Bot. Club, **25**: 485-494. 8 S. 1898.
- Robinson, B. L.** Notes on the Genus *Bartonia*. Bot. Gaz. **26**: 46-48. 28 Jl. 1898.  
*Bartonia iodandra* sp. nov.
- Rusby, H. H.** An Enumeration of the Plants collected by Dr. H. H. Rusby in South America, 1885-1886.—XXIV. Bull. Torr. Bot. Club. **25**: 495-500. 8 S. 1898.  
A continuation of the series of papers begun by Dr. N. L. Britton. *Mandevillia Mandoni* Rusby, *Metastelma* (*Eumetasteima*) *Matthewsii* Rusby, *Tassadia Sprucei* Rusby, *Ditassa racemosa* Britt., and *Gonolobus Brittonii* Rusby, sp. nov. and *Vailia* Rusby, gen. nov.
- Small, J. K.** Abnormal Inflorescence in *Saxifraga fallax*. Bull. Torr. Bot. Club, **25**: 391. pl. 343. 15 Jl. 1898.
- Small, J. K.** Studies in the Botany of the Southeastern United States.—XIV. Bull. Torr. Bot. Club, **25**: 465-484. 8 S. 1898.  
New species in *Nymphaea*, *Aquilegia*, *Heuchera*, *Euphorbia*, *Sida*, *Rhexia*, *Conradina*, *Koelia*, *Pentstemon*, *Lacinaria*, *Solidago*, *Silphium*, *Rudbeckia*, *Helianthus*, *Bidens*, *Marshallia*, and *Melothria*.
- Stewart, F. C.** Experiments and Observations on some Diseases of Plants. Bull. N. Y. (Geneva) Exp. Sta. **138**: 626-644. D. 1897.
- Stone, G. E.**, and **Smith, R. E.** Report of the Botanists, 10th Ann. Rep. Mass. (Hatch) Exp. Sta., 47-70. pl. 1, 2. Ja. 1898.
- Stoneman, B.** A comparative Study of the Development of some Anthracnoses. Bot. Gaz. **26**: 69-120. pl. 7-18. 15 Au. 1898.  
*Gnomoniopsis*, gen. nov., is proposed, with five species, viz.: *G. cingulata* (Atk.) *G. piperata* (E. & E.), *G. cincta* (Berk. & Curt.), *G. rubicola* (E. & E.) and *G. ? vanillae* Stoneman; *Gloeosporium naviculisporum*, *G. cactorum*, *G. foetidophilum*, *Volutella citrulli* and *V. violae*, are also described as new.

**Waugh, F. A.** Notes on sundry American Plums. Bot. Gaz. **26**: 48-53. 28 Jl. 1898.

**Wooton, E. O.** New Plants from New Mexico.—III. Bull. Torr. Bot. Club, **25**: 451-459. 13 Au. 1898.

New species in *Commelina*, *Philadelphus*, *Linum*, *Martynia*, *Artemisia*, *Sophia*, *Prosopis*, *Parryella*, *Phacelia*, and *Aster*.

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